The
Web-based Standards of Learning Technology Initiative

An
Overview
and an
Update

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A Statewide Initiative

- Initially focusing on high schools

- Designed for high schools to secure adequate hardware/infrastructure for SOL instruction, remediation and assessment program implementation

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A Statewide Initiative

- Assuring high speed/bandwidth Internet access from instructional areas for students and teachers

- Delivery of online SOL assessments

- Use of up-to-date instructional and remedial software in Virginia's schools

Initiative Funding

- $ 113.8 million (FY 2001-2002) for Virginia's high schools ($56.9 million each year)

- $ 2,060,000 for demonstration implementation

- Approximately $50 million in e-rate funds

- $ 4.8 million in FY 2001 for technology resource assistants/outside vendors

- $3.8 million for program implementation

Project Organization

- On-Line Assessment
- Division Project Planning
- High School Readiness
- Demonstration Projects
- Instructional and Remedial Software

Standards of Learning Technology Initiative Project Organization
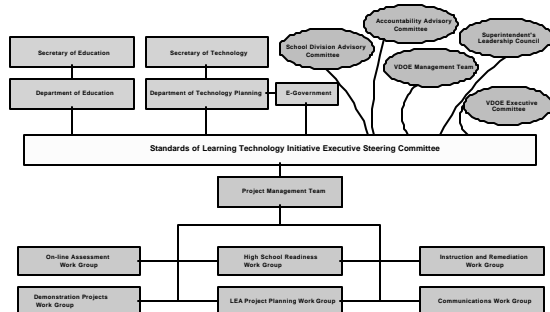
Online Assessment Work Group

Scope of Work:
- Define assessment requirements
- Define environmental requirements for assessment administration
- Create RFP for assessment delivery
- Facilitate selection of a vendor to setup, configure and assist in administration of the SOL tests

Request for Proposals

- Detailed explanation of assessment and technology requirements
- Posted on October 13, 2000 and closed on November 13, 2000
- Available on the VDOE website

RFP: Assessment Topics

- Interface with existing contractor
- Presentation of tests and ancillary materials
- Data management
- Scoring and reporting
- Test security
- Training and support
- Project Management

RFP: Technology Topics

- User interface & workstation hardware
- Connectivity requirements
- Server requirements
- Security model
- Database architecture
- Product support, training and documentation
- Reliability and levels of service
- Project management

Proposals Received

- Eleven vendor responses
- Independent evaluation committee formed to review proposals
  - Assessment, instruction and technology specialists
  - School division representatives
  - State representatives
  - National representatives

Proposals Evaluated

- Three vendor proposals selected for the demonstration phase
- Participating vendors:
  - BTG
  - NCS Pearson
  - Vantage Learning

Demonstration Work Group

Scope of Work:

- Further define goals of the demonstration sites
- Define criteria for site selection
- Facilitate site selection process
- Define support needed at demonstration sites
- Assist in defining RFP parameters
- Implement demonstrations - Jan to Mar 2001
- Distribute results to divisions - June/July 2001

Demonstration of Solutions

- 57 school divisions nominated a high school
- Nine schools were selected by independent selection committee
- Different regions, sizes and/or levels of technical capacity
- Three schools assigned to each vendor

Demonstration Sites

Orange: NCS
Blue: Vantage
Yellow: BTG

John Handley

Fluvanna

Lee Davis

Campbell

Giles

West Point

Martinsville

Brunswick

Ocean Lakes
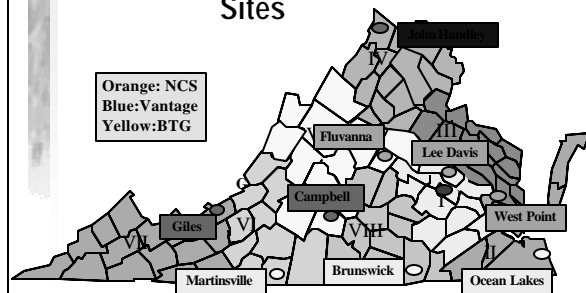
Vendor / Solution Selection

- Independent evaluators and the DOE observing and collecting data

- One or more vendors to be selected to implement their solution across Virginia

- Selection based upon analysis of data collected throughout the demonstration project

Division Project Planning

Scope of Work:

- Create project management plan templates for the "Plan for Use of Funds"

- Provide divisions with technical support

- Monitor division progress of implementation of the Initiative

- Develop intervention strategies for divisions with implementation difficulties

Plan for the Use of Funds

- Division Contact Information
  - Project Manager
- Division Monthly Progress Report
  - Monthly Updates
- School Monthly Progress Report
- Financial Report of Expenditures
  - Budgeted and Actual

School Division Contact Information

<< SELECT SCHOOL DIVISION BY NUMBER >> ▼

Division #	
Address	
City, State Zip	

Project Manager	
Project Manager's Phone	
Project Manager's E-Mail	
Project Manager's FAX	

Project Manager's USPS Address	

School Monthly Progress

SCHOOL NAME	Readiness for SOL online assessment (%)	Readiness for use of software & remediation (%)

Financial Information

FY 2001		BUDGETED EXPENDITURES					ACTUAL EXPENDITURES					
Expenditure Type	Planned expenditures	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	Budget less Actual
Hardware				✕		0			✕		0	0
Instructional Software				✕		0			✕		0	0
LAN Capability						0					0	0
Internet Access						0					0	0
Other Uses of Funds		✕				0	✕				0	0
Teacher Training			✕	✕		0		✕	✕		0	0
Total Budget/Actual	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Available Funds		0	0	0	0	0						

FY 2002		BUDGETED EXPENDITURES					ACTUAL EXPENDITURES					
Expenditure Type	Planned expenditures	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	Budget less Actual
Hardware				✕		0			✕		0	0
Instructional Software				✕		0			✕		0	0
LAN Capability						0					0	0
Internet Access						0					0	0
Other Uses of Funds		✕				0	✕				0	0
Teacher Training			✕	✕		0		✕	✕		0	0
Total Budget/Actual	0	0	0	0	0	0	0	0	0	0	0	0

High School Readiness Work Group
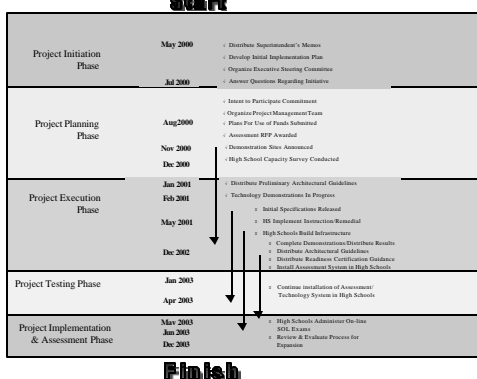
Scope of Work:

- Determine preparedness of each high school (Capacity Survey)
- Define minimum technical requirements (Architectural Guidelines- Pre and Final)
- Ensure high schools have adequate technical capability to administer tests
- Certification of high school readiness

Instructional and Remedial Software Work Group

Scope of Work:

- Define technology needed to support most software applications
- Establish guidelines and criteria for evaluation and selection of software
- Set up clearing house for dissemination of software evaluations

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SOL Technology Initiative Time Line

Start

Phase	Date	Activities
Project Initiation Phase	May 2000 — Jul 2000	◇ Distribute Superintendent's Memos ◇ Develop Initial Implementation Plan ◇ Organize Executive Steering Committee ◇ Answer Questions Regarding Initiative
Project Planning Phase	Aug 2000 — Nov 2000 — Dec 2000	◇ Intent to Participate Commitment ◇ Organize Project Management Team ◇ Plans For Use of Funds Submitted ◇ Assessment RFP Awarded ◇ Demonstration Sites Announced ◇ High School Capacity Survey Conducted
Project Execution Phase	Jan 2001 — Feb 2001 — May 2001 — Dec 2002	◇ Distribute Preliminary Architectural Guidelines ◇ Technology Demonstrations In Progress Initial Specifications Released HS Implement Instruction/Remedial High Schools Build Infrastructure Complete Demonstrations/Distribute Results Distribute Architectural Guidelines Distribute Readiness Certification Guidance Install Assessment System in High Schools
Project Testing Phase	Jan 2003 — Apr 2003	Continue installation of Assessment/Technology System in High Schools
Project Implementation & Assessment Phase	May 2003 — Jun 2003 — Dec 2003	High Schools Administer On-line SOL Exams Review & Evaluate Process for Expansion

Finish

Internet Portal for Initiative
(http://www.pen.k12.va.us/VDOE/
Technology/soltech/soltech.html)

- School Division Resources
- Vendor Resources
- Frequently Asked Questions
- Legislative Documents
- Project Planning Documents
- Superintendent's Memo's
- Initiative Contact Information

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